

# Leaching Index

## Cloud County, Kansas

Map Symbol	Soil Name	Map Unit Name	Hydrologic Group	OM %	kfact	Leaching Potential
1125	Bridgeport	Bridgeport silt loam, occasionally flooded	B	2.50	0.32	Low
2113	Inavale	Inavale loamy sand, occasionally flooded	A	0.80	0.17	High
2117	Munjor	Inavale-Munjor complex, frequently flooded	A	1.00	0.24	High
2117	Inavale	Inavale-Munjor complex, frequently flooded	A	0.80	0.17	High
2202	Munjor	Munjor sandy loam, occasionally flooded	A	1.00	0.17	High
2236	Roxbury	Roxbury silt loam, occasionally flooded	B	3.00	0.32	Low
2260	Saltine	Saltine silty clay loam, frequently flooded	C	1.00	0.32	Intermediate
2266	Tobin	Tobin silt loam, occasionally flooded	B	2.50	0.32	Low
2347	McCook	McCook silt loam, rarely flooded	B	2.50	0.32	Intermediate
2365	New Cambria	New Cambria silty clay loam, rarely flooded	C	3.00	0.37	Low
2366	New Cambria	New Cambria silty clay, rarely flooded	C	3.00	0.28	Low
2375	Roxbury	Roxbury silt loam, rarely flooded	B	3.00	0.37	Low
2519	Armo	Armo loam, 3 to 7 percent slopes	B	2.00	0.28	Low
2521	Armo	Armo loam, 7 to 15 percent slopes	B	2.00	0.28	Low
2522	Armo	Armo silt loam, 3 to 7 percent slopes	B	2.00	0.28	Low
2613	Harney	Harney silt loam, 1 to 3 percent slopes	C	2.00	0.43	Low
2624	Mento	Harney-Mento silty clay loams, 3 to 7 percent slopes, eroded	C	1.50	0.37	Intermediate
2624	Harney	Harney-Mento silty clay loams, 3 to 7 percent slopes, eroded	B	1.50	0.32	Intermediate
2718	Nibson	Nibson soils, 3 to 30 percent slopes	D	2.00	0.32	Low
2720	Nibson	Nibson silt loam, 5 to 25 percent slopes	D	2.00	0.32	Low
2730	Nuckolls	Nuckolls silt loam, 4 to 12 percent slopes	B	3.00	0.32	Low
2732	Nuckolls	Nuckolls silt loam, 4 to 12 percent slopes, eroded	B	1.50	0.32	Intermediate
2953	Wakeen	Wakeen silt loam, 3 to 7 percent slopes	B	2.00	0.32	Low
2956	Wakeen	Wakeen silty clay loam, 3 to 7 percent slopes	B	2.00	0.32	Intermediate
3040	Merrick	Merrick loam, occasionally flooded	B	2.00	0.28	Intermediate
3252	Detroit	Bavaria-Detroit complex, very rarely flooded	C	2.00	0.37	Low

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3252	Bavaria	Bavaria-Detroit complex, very rarely flooded	C	2.00	0.43	Low
3253	Detroit	Detroit silty clay loam, very rarely flooded	C	2.00	0.37	Low
3254	Sutphen	Sutphen silty clay loam, very rarely flooded	D	3.00	0.37	Low
3261	Muir	Muir silt loam, very rarely flooded	B	2.00	0.32	Intermediate
3364	Edalgo	Edalgo-Hedville complex, 5 to 30 percent slopes	C	3.00	0.32	Low
3364	Hedville	Edalgo-Hedville complex, 5 to 30 percent slopes	D	2.50	0.32	Low
3380	Hedville	Hedville stony loam, 5 to 30 percent slopes	D	2.00	0.28	Low
3382	Hedville	Hedville-Rock outcrop complex, 5 to 30 percent slopes	D	2.50	0.32	Low
3391	Lancaster	Lancaster loam, 3 to 7 percent slopes	C	2.00	0.32	Low
3395	Armo	Lancaster-Armo loams, 3 to 7 percent slopes	B	2.00	0.28	Low
3395	Lancaster	Lancaster-Armo loams, 3 to 7 percent slopes	B	2.50	0.28	Low
3396	Lancaster	Lancaster-Hedville complex, 3 to 20 percent slopes	C	2.00	0.32	Low
3396	Hedville	Lancaster-Hedville complex, 3 to 20 percent slopes	D	3.00	0.37	Low
3401	Longford	Longford silt loam, 1 to 3 percent slopes	C	3.00	0.37	Low
3402	Longford	Longford silt loam, 3 to 7 percent slopes	C	3.00	0.37	Low
3404	Longford	Longford silty clay loam, 3 to 7 percent slopes, eroded	C	2.00	0.37	Low
3521	Cass	Cass fine sandy loam, occasionally flooded	B	1.50	0.2	Intermediate
3529	Gibbon	Gibbon loam, occasionally flooded	C	2.00	0.43	Intermediate
3545	Hobbs	Hobbs silt loam, channeled, frequently flooded	B	3.00	0.32	Low
3553	Hobbs	Hobbs silt loam, frequently flooded	B	2.50	0.32	Low
3561	Hobbs	Hobbs silt loam, occasionally flooded	B	2.50	0.32	Low
3569	Geary	Hobbs-Geary silt loams, 0 to 15 percent slopes	C	3.00	0.37	Low
3569	Hobbs	Hobbs-Geary silt loams, 0 to 15 percent slopes	B	3.00	0.32	Low
3580	Huscher	Huscher silt loam, occasionally flooded	B	1.00	0.55	Intermediate
3581	Huscher	Huscher silty clay loam, occasionally flooded	C	1.00	0.43	Low

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3611	Grigston	Grigston silt loam, occasionally flooded	B	2.00	0.32	Low
3612	Grigston	Grigston silty clay loam, occasionally flooded	B	2.00	0.43	Intermediate
3625	Sutphen	Sutphen silty clay loam, occasionally flooded	D	3.00	0.37	Low
3755	Hord	Hord silt loam, rarely flooded	B	3.00	0.32	Low
3770	Muir	Muir silt loam, 3 to 7 percent slopes, eroded	B	2.00	0.32	Intermediate
3775	Muir	Muir silt loam, rarely flooded	B	3.00	0.32	Low
3777	Sherdahl	Sherdahl silt loam, very rarely flooded	C	1.00	0.64	Low
3778	Sherdahl	Sherdahl loam, 3 to 7 percent slopes, eroded	B	1.00	0.37	Intermediate
3779	Sherdahl	Sherdahl loamy fine sand, 3 to 7 percent slopes, eroded	B	1.00	0.37	High
3785	Tivin	Tivin loamy fine sand, 5 to 15 percent slopes	A	0.30	0.15	High
3800	Crete	Crete silt loam, 0 to 1 percent slopes, loess plains and breaks	C	3.00	0.37	Low
3801	Crete	Crete silt loam, 1 to 3 percent slopes, loess plains and breaks	C	3.00	0.37	Low
3802	Crete	Crete silty clay loam, 3 to 7 percent slopes, eroded, loess plains and breaks	C	2.50	0.37	Low
3826	Crete	Crete silt loam, 3 to 7 percent slopes	C	3.00	0.37	Low
3828	Crete	Crete silty clay loam, 1 to 3 percent slopes	C	3.00	0.37	Low
3830	Crete	Crete silty clay loam, 3 to 7 percent slopes	C	3.00	0.37	Low
3843	Geary	Geary silt loam, 1 to 3 percent slopes	C	3.00	0.37	Low
3844	Geary	Geary silt loam, 3 to 7 percent slopes	C	3.00	0.37	Low
3848	Geary	Geary silty clay loam, 3 to 7 percent slopes, severely eroded	C	1.50	0.37	Low
3851	Geary	Geary-Hobbs silt loams, 0 to 30 percent slopes	C	3.00	0.37	Low
3851	Hobbs	Geary-Hobbs silt loams, 0 to 30 percent slopes	B	3.00	0.32	Low
3866	Hastings	Hastings silt loam, 1 to 3 percent slopes	C	3.00	0.37	Low
3868	Hastings	Hastings silt loam, 3 to 7 percent slopes	B	3.00	0.37	Low
3870	Hastings	Hastings silty clay loam, 3 to 7 percent slopes, eroded	B	1.50	0.32	Intermediate

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3874	Hastings	Hastings-Hobbs complex, 0 to 25 percent slopes	B	3.00	0.37	Low
3874	Hobbs	Hastings-Hobbs complex, 0 to 25 percent slopes	B	2.50	0.32	Low
3888	Kenesaw	Kenesaw silt loam, 5 to 12 percent slopes, eroded	B	1.25	0.32	Intermediate
4715	Kipson	Kipson soils, 5 to 30 percent slopes	D	2.00	0.55	Low
8840	Hall	Hall silt loam, 0 to 1 percent slopes	C	2.00	0.37	Low

This report produces Leaching Index Values (1, 2 and 3) suitable for use as described in Part 539.58 - National Ranking Factor N2, Subfactor B in the CRP Manual.

The values 1, 2 and 3 are derived by using the same algorithm included in the SSSD RV Generator to produce values 1, 2, 3 and 4 but this report reverses the order of meaning and combines values 3 and 4. Thus, this report correctly reports 1 as low, 2 as medium, and 3 as high. These values are ready for use in determining signup scores for National ranking subfactor N2 without further code conversion.